

**Department of Public Works and Transportation
Montgomery County, Maryland**

DIVISION OF SOLID WASTE SERVICES



Mixed paper recycling carts ready for delivery to residents.

***MONTHLY REPORT
OCTOBER 2004***



Printed on Recycled and Recyclable Paper

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OVERVIEW

Tonnage at a Glance

The following table shows key material flows during the current month, fiscal year to date (FY Total), and current calendar month in the two prior fiscal years. (County fiscal year 2005 began July 1, 2004.)

FACILITY	Oct FY05	FY05 Total	Oct FY04	Oct FY03
Materials Recovery Facility ⁽¹⁾	7,332 tons	29,971 tons	8,053 tons	7,787 tons
Brunswick Landfill Facility ⁽²⁾	25,164 tons	112,691 tons	28,297 tons	20,543 tons
Resource Recovery Facility ⁽³⁾	46,373 tons	207,251 tons	55,057 tons	51,354 tons
Yard Trim Compost Facility	3,012 tons	17,633 tons	8,021 tons	3,796 tons

⁽¹⁾MRF tons reported are outgoing.

⁽²⁾This category only addresses waste sent to the landfill for disposal. It does not include rubble that is recycled.

⁽³⁾RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here.

Revenue Analysis and Systems Evaluation – Program staff:

- Researched 652 new properties and entered billing changes into database;
- Prepared monthly house counts for collection contractors;
- Processed vacancy refunds payable in October;
- Updated Access™ databases and Excel™ spreadsheets for monthly collection contractor reports;
- Updated street listing maps;
- Continued to research solid waste fee abnormalities in the property tax database;
- Completed System Benefit Charge revenue reconciliation of MUNIS software with FAMIS for the first quarter of FY05;
- Generated Hauler Credit Account invoices for October 2004 totaling \$1,719,638.44 (an increase of \$21,460.65 over October 2003);
- Updated Aging Report (30-day arrearage was \$613 as of 11/5/04);
- Added three new Licensed Collector credit accounts;
- Reconciled the first 3 months of FY05 tons to monies posted in FAMIS, as well as to the total dollars charged in Paradigm;
- Completed private residential hauler pricing survey (once-per week private refuse collection in Area B continues to cost about 2.4 times as much as County refuse collection in Area A);
- Advanced the FY04 Mass Balance (County-Wide Materials Flow Analysis) to about 90% completion;
- Assisted in preparing responses to Council staff's technical and policy questions regarding the Ten Year Plan;
- Assisted responding to comments received on the Ten year Plan;

- Prepared revised Transmittal memos for Executive Regulation 15-04;
- Advertised Executive Regulation 18-04 "Collection, Transportation and Disposition of Solid Waste" (advances the recycling ban) in the Montgomery Register;
- Completed calculation of the FY04 year-end Reserve Requirements;
- Worked on the Rate Model for the FY06-11 Fiscal Plan; and
- Assisted in preparation of the DSWS FY06 budget.

CITIZEN COMMITTEES

Facilities Implementation Group – FIG met on September 14, 2004 at the Gothic Barn in Dickerson. Fourteen FIG Members, two County staff, one contract staff and one guest were in attendance. Topics discussed included New Complaints Monitoring and Tracking System by DEP, Site 2 Property Management and Facilities Update.

The next FIG meeting will be held on December 14, 2004, at the Gothic Barn in Dickerson.

Solid Waste Advisory Committee – SWAC held its regular monthly meeting on Saturday, October 9, at the Solid Waste Transfer Station in Derwood, Maryland. Eleven SWAC members, three County staff and three guests were in attendance. DSWS Operations staff presented an overview of current operations at the Materials Recovery Facility and Transfer Station.

COLLECTIONS

Refuse – Refuse collections went as scheduled with no disruptions to service.

Contractor Performance — DSWS received 404 complaints; 296 less than in October 2003, which numbered 700.

Enforcement Actions – One citation for a total of \$100.00 was issued for violations of the County's Solid Waste Laws:

One Citation Failed to have a recycling program (commercial)

Two NOV's were issued for violations of the County's Solid Waste Laws:

One NOV Failed to store solid wastes with a tight fitting lid

One NOV Failed to have a recycling program (commercial)

Recycling – The first of 52,780 wheeled carts will arrive during the week of November 1st with distribution to residents starting the week of November 15th. Area 8 (Olney) and Area 1 (Bethesda) will be the neighborhoods involved in the distribution.

Mixed paper tonnages for the residential program during the past 52 weeks are as follows:

CURRENT PERIOD	POUNDS PER HOUSEHOLD	CORRESPONDING PERIOD PREVIOUS YEAR
10/27/03-11/21/03	11.43	11.04
11/24/03-12/19/03	11.97	11.74
12/22/03-1/16/04	10.67	9.75
1/19/04-2/13/04	9.33	8.83
2/16/04-3/12/04	9.82	8.94
3/15/04-4/09/04	10.19	10.01
4/12/04-5/07/04	10.58	9.93
5/10/04-6/04/04	10.96	10.09
6/07/04-7/2/04	9.97	9.77
7/05/04-7/30/04	9.49	9.05
8/02/04-8/27/04	10.09	9.37
8/30/04-9/24/04	11.34	10.43
9/27/04 – 10/23/04	10.98	10.50

Customer Service – DSWS received 5,674 incoming calls; 36 follow-up calls were made for quality check. There were 942 blue bins ordered through the Customer Service Staff. The website received 335 requests for special collections.

Thirty-six customer service surveys were received in the mail. The following is a comparison by percentage between September and October:

SURVEY QUESTION	SEPTEMBER/OCTOBER, 2004		
	YES%	NO%	N/A%
Did we satisfactorily address your request or concern?	88/92	9/3	3/5
Are your trash and recyclables at the curb by 7:00 a.m.?	84/78	12/17	4/5
Do you use our yard trim recycling program?	55/50	42/47	3/3
Do you grasscycle or compost your yard trim?	61/61	36/36	3/3
Do you know about:			
The curbside scrap metal recycling program?	48/53	46/42	6/5
Textile recycling?	25/28	71/67	4/5
Computer recycling?	38/58	60/31	2/11
Household Hazardous Waste drop-offs?	68/67	28/28	4/5
Don't Dump – Donate program?	28/45	64/50	6/5
Use it again program?	16/34	77/61	6/5
Satellite drop-offs?	36/34	55/58	9/8
Have you used the Transfer Station?	60/61	39/36	1/3

Additional comments:

We continued to reinforce free compost bins and are now encouraging homeowners to mulch their leaves for garden cover for the upcoming winter; and of course our unlimited collection of scrap metal collection provided. There was a slight increase in

the knowledge of our scrap metal program and a definite increase in satisfaction from our residents.

Although our customer service survey response has tapered off; we feel that this is an anomaly and will increase in the upcoming months.

Comments from residents: Outstanding response and turn-around time!! Well done!! I wish all County services were half as responsive and easy to work with!! Thanks for your prompt service!!

When we moved into our new house it would have been nice to get a run down of all the programs in a booklet of some sort.

I think Montgomery County is light years ahead of most communities with its recycling - and incredibly supportive. Also, you have a great education/outreach program - my son learned about recycling twice in elementary school -- once by visiting your facility off 355. I love getting the e-mail updates. I love everything about what you're doing - and why you're doing it!

I find the transfer station to be very useful when I have large amounts of trash on the weekend and do not want to wait until Wednesday to leave it for collection.

Public Outreach - Our field staff continues to distribute survey cards to residents asking them to rate our services as well as the resolution of their service complaints/requests.

Of 77 returned cards, 49 rated our service as excellent.

Website - The following is information gathered from the Montgomery County Solid Waste web site:

List Memberships	New October Subscribers	Total Subscribers
HHW Announcements	38	1,332
Holiday Reminder List	65	4,461
Newsletter Helper	16	416
Usage Counters – October 2004		
Total of Visits		4,077
Total Page Views		6,998

Among the most frequently visited pages were:	
<ul style="list-style-type: none"> • Trash • HHW • "How to recycle/dispose of..." • Holiday • Special Collections • Compost Bins • Curbside Recycling • Paint • Transfer Station fees • Transfer Station/Recycle Center Map 	
SORRT	
Total Page Visits	186
Number of Page Views	289
TRRAC	
Total Page Visits	63
Number of Page Views	93
E-Mail - October 2004	
	949
Top Issues:	
<ul style="list-style-type: none"> • Items Ordered • General Information • Thank you • Special Collections/Scrap Metal • Wheeled Carts • Hazardous Waste • Blue Bin Problems • Misses • Other 	278 45 27 10 11 9 10 5 114
Blue Bins	440

Comments received:

I think your e-mails are good a idea. For many of us it's the only contact we have with our municipal government. Keep up the good work.

Your e-mail announcements are VERY helpful. Keep 'em up! Suggest you post other newsworthy trash/recycle items – when available – in addition to Holiday schedules.

Thanks. I like the fact that you are employing more electronic and web resources, with added benefit of saving a little paper.

Thanks for the ongoing newsletter and related tips. They're helping me maximize the use of county recycling and disposal services.

WASTE MINIMIZATION

Product Recycled	Approximate weight recycled in October 2004
Computer	48.1 tons
Fire Extinguishers	None
Propane Tanks	None
Textiles	11.7 tons
Construction Materials (Don't Dump – Donate)	4.0 tons
Bicycles	None
Rechargeable Batteries	None

Department of Environmental Protection's Home Composting and Source Reduction Activities – The GreenMan Show airs daily on Cable Channel 6, with online streaming video and access to past shows via online archives. Now in the works: two special features on composting, specifically looking at DSWS efforts at Dickerson producing LeafGro and a holiday special on reducing, reusing, and recycling waste during the holidays.

The GreenMan Column continues in the Gazette Newspapers. The column is also accessible online via www.greenmanshow.com and at www.gazette.net under "Columns." Currently, the column is featuring a series addressing Integrated Pest Management techniques.

HAZARDOUS WASTE PROGRAMS

Household Hazardous Waste Collection – Number of patrons that used the "regular" HHW drop-off program: 2,049. HHW can now be dropped off at the Transfer Station Public Unloading Facility Thursdays and Fridays from 1:00 p.m. – 5:00 p.m.; Saturdays from 8:30 a.m. – 5:00 p.m. and Sundays from 9:00 a.m. – 5:00 p.m. A remote event was held October 23, 2004 at Silver Spring International Middle School; 276 patrons at the Silver Spring event.

Mercury (Hg) Free Campaign – The program for collecting Hg thermometers and passing out digital thermometers continues to receive active participation via walk-ins at the Transfer Station office and exchanges at the HHW facility.

Small Quantity Generator/Ecowise Program – One Small Quantity Generator (SQG)/Ecowise event was held on October 13th; 12 companies participated in the event.

AIR PERMITS AND ENVIRONMENTAL PROGRAMS

Resource Recovery Facility (RRF): CEMS Tracking of RRF Operations – The Continuous Emissions Monitoring System (CEMS) continued to track the percent load,

certain engineering parameters and emissions of all three units. The CEMS indicated that all three units operated until approximately 11 p.m. on October 1st when the CEMS indicated that unit 3 was brought offline. Inquiries with Covanta indicated that the unit was brought offline for scheduled annual maintenance. During the maintenance period, Covanta also repaired the economizer HCl CEM monitor on this unit. Thereafter, units 1 and 2 operated until approximately 10 p.m. on October 9th when the CEMS indicated that unit 1 was brought offline. Inquiries with Covanta indicated that the unit was brought offline for scheduled annual maintenance. Thereafter, only unit 2 operated until approximately 3 p.m. on October 10th when the CEMS indicated that unit 2 was also brought offline. Inquiries with Covanta indicated that the unit was brought offline for scheduled annual maintenance. Thereafter, the entire plant was down until October 13th. At approximately 5 a.m. and 8 a.m. on October 13th, the CEMS started recording emissions from units 2 and 3 respectively, indicating that these two units were brought online after completing maintenance work. Thereafter units 2 and 3 operated until approximately 11 a.m. on October 15th when the CEMS started recording emissions from unit 1 indicating that this unit was also brought online after completing maintenance work. Thereafter, all three units operated till the end of the month. There were no other equipment malfunctions that affected stack emissions in October with the exception of the unit 3 economizer HCl CEM discussed above.

The annual stack emissions testing for the RRF was conducted by TESTAR inc. from October 20th through October 29th. No major problems were encountered. The annual stack testing is a requirement under the RRF Title V Air Permit. A draft report from Covanta is expected in January 2005.

On October 25th, Covanta performed the monthly "Opacity Test." The opacity test is a requirement under the RRF Title V Air Permit. As in the past tests, the opacity readings were 0% compared to the Title V Permit limit of 10%.

In the first week of October, the set of three CEMS CD-ROMs was updated to include CEMS data up to September 30th. Copies of the CDs' were placed in the Rockville and Poolesville libraries.

FIG-SWAC Air Quality Subcommittee – Following communications with the Air Quality Subcommittee, the expanded pond sampling program was conducted in the first week of October. Yates pond on Wasche Road was sampled on October 4th and the Site 2 pond was sampled on October 5th. The water quality in both ponds was normal and is comparable to the water quality in the Lermond pond. Adequate samples of fish were caught in both ponds for laboratory analysis. As per the Subcommittee's desire, a meeting will be scheduled in January after receipt of the draft report from ENSR.

Oaks Landfill Air Emissions and Energy Recovery – SCS Engineers submitted gas sampling results at the Oaks Landfill for the months of September and October. In September, one gas sample was taken at the flare inlet each day, on three different days for a total of 3 samples. Methane levels were measured at the blower inlet and the flare inlet on each day for a total of 6 samples. In October, sampling was conducted on 2 different days. A total of 3 gas samples were taken at the flare inlet

and methane levels were measured at the blower inlet and the flare inlet for a total of 6 samples. From a total of six gas samples in the past two months, the average gas flow was 1135 standard cubic foot per minute (scfm). From a total of 6 samples taken at the blower inlet and 6 samples taken at the flare inlet, the methane levels ranged from 43.8% to 45.3% for an average of 44.6%. SCS continues to conduct monthly gas sampling and analysis at the Oaks under the Engineering Services Contract. The gas sampling results will be used to prepare the "Emissions Certification Report" for 2004 for submission to MDE in March 2005.

DSWS staff is still continuing contract negotiations with PEPCO Energy Services for the development of a project for the beneficial use of gas at the Oaks.

Contracts and RFP's

- **ENSR Contract** – The contract amendment for encumbering additional funds into the contract was approved by the Office of Procurement to enable ENSR to conduct additional water and fish sampling in the Non-Air Media Monitoring Program. Accordingly, ENSR completed field sampling in the two ponds in the wet deposition area.
- **TES Contract** - On October 6th, TES performed the semi-annual calibration for all the instrumentation on the meteorological tower. The instruments include anemometer and wind vane, temperature and dew point sensors. The rain gauge was also calibrated. The wind measuring instrumentation was replaced with new equipment. The read switch on the rain gage was replaced to correct a problem with intermittent spurious readings. All the instrumentation was tested and found to be functioning normally. TES submitted the 2004 Semi-Annual Calibration Report the second week of October.

RECYCLING

Public Education and Outreach – Executive Regulation 15-04 is awaiting transmittal to the County Council. QSC reviews of 17 outreach and engineering task orders were completed, and recommendations for awards have been forwarded to the Office of Procurement. Several recruitment processes are underway to fill vacant staff positions.

Commercial Recycling and Waste Reduction – Staff conducted 737 on-site visits of businesses. Staff participated in 10 outreach events and employee training sessions, reaching 1,643 people. In an effort to improve recycling programs at small businesses, staff distributed a total of 899 desk-side recycling bins to businesses, with a year-to-date total of 5,248 recycling bins distributed. Staff continued conducting on-site evaluations of the recycling infrastructure at MCPS school facilities for the 2004-05 school year. Work began on the fall issue of the SORRT Network Newsletter which will be mailed to businesses in late November. Staff forwarded one business to Code Enforcement that failed to set up a recycling program resulting in a notice of violation being issued.

Multi-Family Recycling – An acting Program Manager was selected, and is covering all aspects of managing and implementing the program. Work continued on completion of the Property Manager's Guidebook. Distribution of baby blue bins and educational materials continued.

Mixed Paper Recycling – Existing educational materials were distributed to residents at events. Larger quantities of materials are also provided to Homeowner's Associations and civic groups for their use and distribution.

Volunteer Activities – October continued to be a very busy month for our Recycling Volunteers: 10 volunteers provided 38 hours of assistance at the Division's Recycling-Waste Reduction-Buying Recycled-Composting Booth at 7 weekend events. In addition, four volunteers provided 12 hours of assistance preparing educational materials for distribution. Volunteers reached 1,039 County residents. The program recruited 8 new volunteers.

PILOT PROGRAMS

Cooperative Collection – Staff hosted a meeting with the five participating businesses in the project to provide the cost analysis. Four of the five businesses have formally agreed to cooperatively contract for the collection of recyclables and waste with one collection company. The remaining business has forwarded the information to their corporate offices for final determination. It is planned that the businesses will begin contract negotiations with a collection company in November.

ComPRO Pilot – The County has developed a pilot bagged ComPRO production at an MES facility in Baltimore, MD. Production of ComPRO began in October 2003. Year to date ComPRO sold is 4,296 bags.

Tubgrinding Pilot – Tubgrinding of screen rejected material started on July 27 and ended on August 20, 2004.

FACILITY ACTIVITIES

Resource Recovery Facility – The RRF processed 46,373 tons, or 1,496 tons per day. Trash deliveries averaged 11,147 tons/week. Planned repair outages were scheduled for boilers 1 & 3 as well as a 2 day turbine outage. Boiler 3 came down on October 1st for its scheduled fall outage. All routine inspections and repairs were performed as well as multiple material transfer screw replacements. The unit was returned to service on October 13th. On October 9th, boiler 1 came down for its fall outage. As was the case with boiler 3, all routine inspections and repairs were performed as well as multiple material transfer screw replacements. The unit was returned to service on October 15th. On October 10th, the turbine and boiler 2 were both removed from service. Boiler 2 was given a cursory inspection to assure its continued operation until its scheduled outage in November. The turbine had its #4 bearing

disassembled, inspected, RTDs' repaired and reassembled. During this cold iron outage period a number of other inspections and repairs were completed. The cold iron outage was completed on October 13th with the return to service of boiler 2 and the turbine.

There were no OSHA recordable incidents during the month.

There were no generation emergencies issued by Mirant; we purchased 151.1 MWh of power during the month.

There were no Forecasted Code Red Days in October.

There were no reportable air or water quality environmental excursions during the month.

The following environmental activities occurred:

- Submitted the September 2004 Water Supply Monthly Operating Report to MDE.
- Performed the monthly visible emission (Method 9) observation required by the RRF's Title V permit.
- Submitted 3rd Quarter 2004 Operations and Emissions Report to MDE
- Submitted 3rd Quarter 2004 MPDES Report to MDE
- Successfully completed annual source testing and relative accuracy test audit (RATA). Charles Frushour from MDE was on site on 10/20/04 to observe the testing.
- Mitchell Welsh, regional inspector for MDE, performed a routine solid waste inspection of the facility on 10/7/04. There were no items of concern noted during his inspections.

Materials Recovery Facility – Approximately 1,643 tons of commingled material were shipped out and approximately 5,690 tons of mixed paper were loaded out and transferred to the Office Paper Systems, Inc. processing facility. A new drainage pipe for a portion of the roof's drainage system was installed. The hoppers were painted, as were the vertical support columns in the expansion area. An ultra high molecular weight polyethylene liner was installed in the processing system cyclone to alleviate the wear from broken glass on the cyclone. A new chute from the shaker machine to the mixed glass conveyor was installed. A fire drill occurred.

Oaks Landfill – DSWS temporarily suspended contract negotiations with Pepco Energy Systems (PES) for the beneficial reuse of landfill gas at the Oaks Landfill, pending internal review of several outstanding concerns and issues. New, smaller pumps, better suited for the reduced leachate volumes associated with the post-closure period, were installed in the leachate management pump station to replace the original pumps.

Gude Landfill – County contractors for providing enclosed landfill gas flaring equipment and performing the installation of the equipment continued with their work. Manufacturing of the flare equipment by LFG Specialties is near completion and delivery of the flares and skid mounted blowers, motors and control equipment is scheduled for November. Reinforced concrete pads for the two flares were poured at Gude Landfill.

DSWS gave a notice to proceed to SCS Engineers to perform further field evaluations to assess gas migration along one of the site boundaries.

Transfer Station – Via rail Covanta shipped 48,472 tons of processible waste from the Transfer Station to the Resource Recovery Facility, 9,936 fewer tons than shipped in October 2003. This change is likely a result of the tip fee increases last July which have caused some customers to seek alternative disposal options.

Installation work continued on the new #4 compactor. The cylinder that was shipped out for evaluation received additional work from the manufacturer and will be returned to the Transfer Station site in November.

Repairs to a portion of the transfer building roof were completed.

DSWS and Highway Services made plans for handling the large quantities of leaves that will be received when the leaf vacuuming program starts in November.

Litter was collected by MES along Shady Grove Road from Route 355 to the intersection with Muncaster Mill Road.

SCS Engineers continued work on the design of site improvements including an expansion of the tipping floor area, additional scale facilities and site roads.

The inbound radiation detectors had 9 alarms in October 2004. There was one false alarm (an alarm that could not be re-verified) - all of the valid alarms were identified as low levels of medical isotopes with short half-lives and were accepted. One of the cases involved a driver or passenger who had undergone recent medical tests or treatment, and residual radiation set off the alarm.

Site 2 Landfill Properties – Tires were removed from the wood area of the Shafer property. Staff explored the tenants' needs for the ponds on their respective properties.

Yard Trim Compost Facility – The Yard Trim Facility received 3,012 tons of material for composting. The year to-date total is 17,633 tons.

Cubic yards of LeafGro shipped to distributors: 4,595.

Bagging Operation – Bags of Leafgro shipped to distributors: 32,680 (each bag is 1.5 cubic ft. weighing 45 lbs.).

Bags of ComPro shipped to distributors: 1,000 (each bag is 1 cubic ft. weighing 30 lbs.).

Out-of-County Haul

Brunswick County, Virginia – Approximately 13,334 tons of ash residue and 11,830 tons of non-processible waste were transported to the County's dedicated disposal cell at the BWMF in Brunswick County, Virginia. No rubble was recycled this month at Clean Earth in Hagerstown, MD, but about 563 tons of oversize bulky wood waste were shipped from the Transfer Station to Butler Wood Recycling in Tuscarora, MD for recycling.

GENERAL INFORMATION

Important Telephone Numbers

General information on solid waste	240-777-6400
Customer Service	240-777-6410
Transfer Station	301-840-2370 (County Office) 301-590-1032 (Covanta) 301-330-2840 (MES)
Materials Recovery Facility	301-840-2701 (County Office) 301-417-1447 (MES)
Resource Recovery Facility	240-777-6494 (County Office) 301-916-3031 (Covanta)
Yard Trim Compost Facility	301-428-8185 (MES)
Internet for DSWS	www.montgomerycountymd.gov/solidwaste www.montgomerycountymd.gov/recycling

Note: All comments, questions, and suggestions on the contents of this report should be addressed to:

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SOLID WASTE FACTS IN A NUTSHELL

TOPIC OR FACILITY	
Latest Recycling Rate Reported in Montgomery County	37.1% (FY03)
Recycling Goal	50% by December 2004
Resource Recovery Facility (RRF)	Guaranteed Capacity = 85% of 1800 TPD on an annual basis (558,450 tons/yr @ 5,500 BTU/lb waste).
Yard Trim Composting Facility (DCF)	Operations limited to receipt of 77,000 tons/year under Sugarloaf Settlement Agreement. FY03 tons received- 80,138
# Residences receiving trash collection by County contractors	86,212
# Residences receiving collection of recyclables in blue bins and yard trim collection	205,182
Term of out-of-county waste transportation and disposal contract with Brunswick Waste Management Facility, Inc.	June 19, 1997 through June 30, 2012 with an option for a five-year renewal. (Service started on October 20, 1997.)

GLOSSARY OF ACRONYMS

AAR	American Ash Recycling, Inc.
APC	Air Pollution Control
ASME	American Society of Mechanical Engineers
BWMF	Brunswick Waste Management Facility, Inc.
CDL	Commercial Driver's License
CEMS	Continuous Emissions Monitoring System
CFR	Code of Federal Regulation
CIP	Capital Improvements Program
COD	Cash on Delivery
COG	Metropolitan Washington Council of Governments
CSX	Chesapeake Transportation Systems
CY	Calendar Year
DEP	Department of Environmental Protection
DNR	Maryland Department of Natural Resources
DSWS	Division of Solid Waste Services
EPA	Environmental Protection Agency
FIG	Facilities Implementation Group
FY	Fiscal Year
GFA	Gross Floor Area
HHW	Household Hazardous Waste
IFB	Invitation For Bid
IPM	Integrated Pest Management
KMCB	Keep Montgomery County Beautiful
LFG	Landfill Gas
LTTS	Leachate Thermal Treatment System
MCPS	Montgomery County Public Schools
MCR	Maximum Continuous Rating
MDE	Maryland Department of Environment
MES	Maryland Environmental Service
Mg/l	Milligrams per liter
M-NCPPC	Maryland National Capital Park and Planning Commission
MRA	Maryland Recycling Act
MRF	Materials Recovery Facility
MSW	Municipal Solid Waste
MWh	Mega Watt hours
NIH	National Institutes of Health
NMWDA	Northeast Maryland Waste Disposal Authority
NOV	Notice of Violation
NPDES	National Pollution Discharge Elimination System
NTP	Notice to Proceed
OLAC	Oaks Landfill Advisory Commission
OMB	Office of Management and Budget
OPS	Office Paper Systems
PEPCO	Potomac Electric Power Company
PSA	Public Service Announcement
RFP	Request for Proposal
ROL	Reduced Operating Level
RRF	Resource Recovery Facility
SCA	Sugarloaf Citizens Association
SHA	State Highway Administration
SORRT	Smart Organizations Reduce and Recycle Tons
SDAT	State Department of Assessments and Taxation
SWAC	Solid Waste Advisory Committee
TCLP	Toxic Characteristic Leaching Procedure
TES	Technical Environmental Services
TPD	Tons Per Day
TRRAC	Think Reduce and Recycle at Apartments and Condominiums
TXA 170	Computer Interface Program (Property Account Database)
UT	Ultra-sonic Testing
YTCF	Yard Trim Compost Facility